

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously presented) A data transmission system for a facility comprising:
 - a first network including;
 - a number of critical devices disposed within the facility;
 - and at least one first computer workstation operably coupled to said number of critical devices via said first network;
 - a second network including at least one second computer workstation; and
 - an isolating router coupling said first network to said second network and operable to isolate said first network from data transmission traffic in said second network, the isolating router comprising a router configured to receive and store data packets, and to forward the received data packets.
2. (Original) The data transmission system of claim 1, wherein:
 - said first network is a fire control network;
 - said number of critical devices include fire control devices; and
 - said first computer workstation implements software configured to receive data from and transmit data to said fire control devices.
3. (Previously presented) The data transmission system of claim 2, wherein said first network includes a first Ethernet switch that meets one or more standards-issuing agencies publicly available standards for fire protective signaling uses and that is operable to electrically isolate said first network from said isolating router.

4. (Previously presented) The data transmission system of claim 1, wherein:
said first network includes a first Ethernet switch that meets one or more standards-issuing agencies publicly available standards for fire protective signaling uses and that is operable to electrically isolate said first network from said isolating router; and
said isolating router meets one or more standards-issuing agencies publicly available standards for information technology equipment for fire protective signaling uses.
5. (Original) The data transmission system of claim 1, wherein said second network includes a building control network which includes a second Ethernet switch operably coupled to a number of building control devices independent of said operationally critical devices.
6. (Original) The data transmission system of claim 5, wherein:
said second network includes a corporate network, independent of said building control network, which includes workstations capable of broadcast transmissions; and
said isolating router is operable to block said broadcast transmissions to said first network.
7. (Original) The data transmission system of claim 1, wherein:
said second network includes a corporate network, independent of said first network, which includes workstations capable of broadcast transmissions; and
said isolating router is operable to block said broadcast transmissions to said first network.
8. (Previously presented) A data transmission system for use in a facility comprising:
a first fire control Ethernet sub-network including a number of fire control devices and a number of fire safety workstations operably coupled to said fire control devices and operable to implement software for maintaining and controlling said fire control devices;

a second building control Ethernet sub-network including a number of building control devices and a number of building automation workstations operably coupled to said building control devices and operable to implement software for maintaining and controlling said building control devices; and

an isolating IP router connecting said first sub-network to said second sub-network and operable to isolate said first network from data transmission traffic in said second network.

9. (Original) The data transmission system of claim 8, wherein said building automation workstations include a database server workstation and at least one database client workstation.

10. (Original) The data transmission system of claim 9, wherein database server workstation is connected within said first sub-network.

11. (Previously presented) The data transmission system of claim 10, wherein all workstations connected within said first sub-network meet more standards-issuing agencies publicly available standards fire protective signaling uses than at least some workstations connected outside the first sub-network.

12. (Previously presented) The data transmission system of claim 11, wherein said first sub-network includes a first Ethernet switch that meets one or more standards-issuing agencies publicly available standards for fire protective signaling uses.

13. (Previously presented) The data transmission system of claim 12, wherein said isolating IP router meets one or more standards-issuing agencies publicly available standards for information technology equipment for fire protective signaling uses.

14. (Previously presented) A data communication system for a facility comprising

a first network and a second network connected by an IP router, the first network including a first plurality of work stations, the second network including a second plurality of work stations, the first plurality of workstations including only building system workstations, the second plurality of work stations including only non-fire safety related building system workstations and non-building system workstations, and wherein the IP router enables communication between the non-fire related building system workstations and the first plurality of workstations, and the IP router is operable to disable communication between the non-building system workstations and the first plurality of workstations.

15. (Previously presented) The data communication system of claim 14 wherein at least one building system work station is a fire safety system workstation connected to one of a plurality of fire safety system devices.

16. (Previously presented) The data communication system of claim 14 wherein the first plurality of workstations includes at least one fire safety system workstation and at least one non-fire building system work station.

17. (Previously presented) The data communication system of claim 14 wherein at least one of the non-fire building system workstations is operably connected to heating ventilation and air conditioning system devices.

18. (Previously presented) The data communication system of claim 14 wherein the first network includes a switch that meets one or more standards-issuing agencies publicly available standards for fire protective signaling.

19. (Previously presented) The data communication system of claim 14 wherein the IP router meets one or more standards-issuing agencies publicly available standards for information technology equipment for fire protective signaling.

20. (Original) The data communication system of claim 1 wherein the first network comprises at least one Ethernet network and the second network comprises at least one Ethernet network.